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AMSAT NEWS SERVICE
ANS-094

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to: ans-editor(a)amsat.org

You can sign up for free e-mail delivery of the AMSAT News Service Bulletins via the ANS List; to join this list see: https://mailman.amsat.org/postorius/lists/ans.amsat.org/

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ANS-094 AMSAT News Service Weekly Bulletins

AMSAT News Service Bulletin 094.01
To: All RADIO AMATEURS
From: Radio Amateur Satellite Corporation
712 H Street NE Suite 1653
Washington, DC 20002

DATE 2021 April 04

2021 AMSAT Field Day

It□s that time of year again; summer and Field Day! Each year the American Radio Relay League (ARRL) sponsors Field Day as a □picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!□ The event takes place during a 23-hour period on the fourth weekend of June. For 2021 the event takes place during a 27-hour period from 1800 UTC on Saturday June 26, 2021 through 2100 UTC on Sunday June 27, 2021. Those who set up prior to 1800 UTC on June 26 can operate only 24 hours. The Radio Amateur Satellite Corporation (AMSAT) promotes its own version of Field Day for operation via the amateur satellites, held concurrently with the ARRL event.

This year should be as easy as last year since we have more than 10

transponders and repeaters available. Users should check the AMSAT status page at http://www.amsat.org/status/ and the pages at https://www.amsat.org/two-way-satellites/ for what is available in the weeks leading up to field day. To reduce the amount of time to research each satellite, see the current FM satellite table at: https://www.amsat.org/fm-satellite-frequency-summary/ and the current linear satellite table at: https://www.amsat.org/linear-satellite-frequency-summary/

Additional information is found at: https://www.amsat.org/field-day/

[ANS thanks Bruce Paige, KK5DO, AMSAT Director Contests and Awards and Paul Stoetzer, N8HM, ANS editor for the above information]

VUCC Awards-Endorsements for April 1 2021

Here are the endorsements and new VUCC Satellite Awards issued by the ARRL for the period March 1, 2021 through April 1, 2021. Congratulations to all those who made the list this month!

CALL	Mar	Mar
N9EAT	784	843
NS3L	650	681
W7QL	510	563
KJ4EU	471	506
VA3NNA	300	504
K0JM	403	500
N1PEB (EL98)	255	500
MI6GTY	460	461
KB9STR	353	431
KC9UQR	400	427
KS1G	360	413
WA4HFN	102	413
K5TA	302	400
W8LR	353	400
VE4MM	279	304
WB7QXU	252	303
VU2LBW	260	300
W4ALF	200	300
K4RGK	214	278
NA1ME	200	225
KN2K	155	200
N7ZO	116	200
XE2YWH	137	187
LW2DAF	166	182
NK1K	New	179
DL6KBG	125	150
N8MR	New	115
N2CJ	100	103
AF5D	New	102
W7KRS	New	101
AC9DX	New	100
W3FGP	New	100

If you find errors or omissions. please contact me off-list at <mycall>@<mycall>.com and I'll revise the announcement. This list was developed by comparing the ARRL .pdf listings for the two months. It's a visual comparison so omissions are possible. Apologies if your call was not mentioned. Thanks to all those who are roving to grids that are rarely on the birds. They are doing most of the work! - Ron W5RKN

[ANS thanks Ron Parsons, W5RKN for the above information]

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Center in Florida.

[ANS thanks NASA for the above information.]

Perseverance rover begins steps to deploy Mars helicopter

NASA□s Ingenuity helicopter is being lowered from the belly of the Perseverance rover this week as ground teams run through a choreographed long-distance command sequence to safely release the $80 million rotorcraft onto the surface of Mars.

The slow, step-by-step deployment is projected to take around six days, assuming everything goes as planned. The first command uplinked from engineers at NASA□s Jet Propulsion Laboratory was to release a launch lock that kept the Ingenuity helicopter firmly attached to the belly of the Perseverance rover during the journey to Mars. Additional information may be found at: https://bit.ly/3dv06vv

[ANS thanks Stephen Clark of SpaceFlightNow.com for the above information]

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Thanks to Nico Janssen, PA0DLO for the identification of these satellites.

The following satellites have been removed from this week's AMSAT-NA TLE Distribution:

OBJECT B - NORAD Cat ID 47310
OBJECT D - NORAD Cat ID 47312
OBJECT E - NORAD Cat ID 47313
OBJECT G - NORAD Cat ID 47315
OBJECT J - NORAD Cat ID 47317
OBJECT K - NORAD Cat ID 47318
OBJECT M - NORAD Cat ID 47320
OBJECT N - NORAD Cat ID 47345
The above objects are non-amateur radio satellites associated with a launch carrying amateur radio satellites. As the amateur radio satellites have been identified from that launch, these objects are no longer of interest.

[ANS thanks Ray Hoad, WA5QGD, AMSAT Orbital Elements Manager, for the above information]

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Want to fly the colors on your own grid expedition?
Get your AMSAT car flag and other neat stuff
from our Zazzle store!
25% of the purchase price of each product goes
towards Keeping Amateur Radio in Space
https://www.zazzle.com/amsat_gear

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ARISS NEWS: Upcoming ARISS Contact Schedule as of April 4, 2021

The School of Information Technology & Mathematical Sciences, Southern Hemisphere Space Studies Program 2021, Mawson Lakes, SA, Australia, telebridge via NA7V
The ISS callsign is presently scheduled to be NA1SS. The downlink frequency is presently scheduled to be 145.800 MHz. The latest information on the operation mode can be found at https://www.ariss.org/current-status-of-iss-stations.html. The scheduled astronaut is Shannon Walker KD5DXB Contact is go for: Tue 2021-04-06 11:27:49 UTC 34 deg via IK1SLD. Watch for livestream at https://tinyurl.com/ISSLINKUP2021

Kaluga Regional schools, Kaluga, Russia direct via TBD. The ISS callsign is presently scheduled to be RSØISS. The downlink frequency is presently scheduled to be 145.800 MHz. The latest information on the operation mode can be found at https://www.ariss.org/current-status-of-iss-stations.html The scheduled astronaut is Sergey Kud-Sverchkov. Watch for Tue 2021-04-06 13:10 UTC

St. Petersburg, Russia direct via TBD. The ISS callsign is presently scheduled to be RSØISS. The downlink frequency is presently scheduled to be 145.800 MHz. The latest information on the operation mode can be found at https://www.ariss.org/current-status-of-iss-stations.html. The scheduled astronaut is Sergey Ryzhikov. Watch for Wed 2021-04-07 12:20 UTC

[ANS thanks Charlie Sufana, AJ9N, one of the ARISS operation team mentors for the above information]

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AMSAT, along with our ARISS partners, is developing an amateur radio package, including two-way communication capability, to be carried on-board Gateway in lunar orbit.

Support AMSAT's projects today at https://www.amsat.org/donate/

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Satellite Shorts From All Over

+ AMSAT Vice President - Engineering Jerry Buxton, N0JY, appeared on the April 1, 2021 episode of Ham Talk Live to discuss the latest status of AMSAT satellite development. A replay of the episode can be heard at https://www.spreaker.com/user/hamtalklive/episode-253-amsat-satellite-engineering-

[ANS thanks AMSAT for the above information]

+ Frank Garofalo, WA2NDV sends a thank you note to all who participated in the Last Man Standing special event. He says "I had the pleasure to work 111 contacts as W6S over the course of the week. If you made at least one contact you can download a certificate in around 4 weeks time. Just check the QRZ page for information. The official numbers are not yet in but there were approximately 60 thousand contacts made across all frequencies and modes." He continues: "I was also very careful not to interfere with any rover operations during the event."

[ANS thanks Frank Garofalo, WA2NDV for the above information]

+ SpaceX□s latest high-altitude Starship test flight ends in another explosion. SpaceX□s latest Starship test flight apparently ended with another explosion Tuesday in South Texas, but dense fog obscured clear views of the launch and failed landing. The Federal Aviation Administration said late Tuesday it is working with SpaceX to determine if light debris reported in a nearby town came from the Starship test rocket.

[ANS thanks Stephen Clark of SpaceFlightNow.com for the above information]

+Biden administration renews mandate for National Space Council. President Biden will renew the National Space Council, a space policy group revived by the Trump White House after 25 years of dormancy, to assist in □generating national space policies, strategies, and synchronizing America□s space activities,□ an administration spokesman said Monday. A spokesman for the National Security Council said the Biden administration is renewing the National Space Council □at a time of unprecedented activity and opportunity generated by America□s activities in space.□

[ANS thanks Stephen Clark of SpaceFlightNow.com for the above information]

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In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. Application forms are available from the AMSAT Store.

Primary and secondary school students are eligible for membership at one-half the standard yearly rate. Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status. Contact info [at] amsat.org for additional student membership information.

73 and Remember to help keep amateur radio in space,
This week's ANS Editor, Jack Spitznagel, KD4IZ
kd4iz at frawg dot org